

Title (en)
SELF-LOCKING MECHANISM AND PANELING

Title (de)
SELBSTBLOCKIERUNGSMECHANISMUS UND VERKLEIDUNG DAMIT

Title (fr)
MÉCANISME AUTO-BLOQUANT ET PANNEAUTAGE

Publication
EP 3024998 A4 20170315 (EN)

Application
EP 14829558 A 20140723

Priority
• US 201361857871 P 20130724
• US 201461946351 P 20140228
• CA 2014050697 W 20140723

Abstract (en)
[origin: US2015027079A1] A self-locking paneling system is provided and includes: a panel defining a void therein and a pin positioned within the void; another structure configured to connect with the panel, the other structure comprising a receptacle; and a magnet positioned on at least one of the receptacle and the pin. When the panel and the other structure are positioned together, the pin is configured to move from a retracted position from within the void to an extended position to engage the receptacle using magnetic force produced by the magnet. The self-locking paneling system can be used for raised-flooring systems.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
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• See references of WO 2015010207A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2015027079 A1 20150129; US 9297169 B2 20160329; CA 2919119 A1 20150129; CA 2919119 C 20191015; CN 105683459 A 20160615; CN 105683459 B 20180206; EP 3024998 A1 20160601; EP 3024998 A4 20170315; EP 3024998 B1 20180711; US 10047526 B2 20180814; US 2016160507 A1 20160609; WO 2015010207 A1 20150129

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